

REMARKS

Applicant expresses appreciation to the Examiner for consideration of the subject patent application. This amendment is in response to the Office Action mailed October 21, 2005. Claims 1-34 were rejected. Claims 1-34 were originally presented. Claims 1, 11, and 29 have been amended to address the examiner's concerns. Claims 1-34 remain in the application.

Claim Rejections - 35 U.S.C. § 103

Claims 1-7, 10-16, 21-23, and 27-29 (including independent claims 1, 11, and 29) were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication 2002/0138162 to Lee (hereinafter "*Lee*") in view of U.S. Patent Application Publication 2002/0078149 to Chang et al. (hereinafter "*Chang*"). The following remarks are directed primarily to independent claims 1, 11, and 29, with the understanding that once an independent claim is allowable, all claims depending therefrom are allowable.

Claims 1, 11, and 29 have been amended to clarify that the claimed concurrency device provides for the sharing of the processor between clients running separate applications on the processor. Accordingly, the ultra thin wireless clients can each run different applications on the processor, sharing the processing capability of the processing center. No new matter is added by this amendment, as the above features are described in the specification at page 5, lines 1-4, page 6, lines 9-18 and page 6, line 32 - page 7 line 1.

Lee fails to teach a concurrency device as claimed in independent claim 1. Although *Lee* teaches a communication device which provides concurrent communication between a processor and a mouse and a keyboard, concurrent communication is different from multi-tasking. In particular, *Lee* provides no teachings as to how the mouse and keyboard would communicate with different applications which are sharing the processing capability of the processor to provide multi-tasking. *Lee* merely discloses a wireless keyboard and wireless mouse communicating wirelessly with a conventional CPU, such as a personal computer. As will be appreciated by one of skill in the art, the wireless keyboard and the wireless mouse both communicate with the *same* currently active application running on the CPU. In contrast, a concurrency device, as claimed in

the present application, enables multiple clients (each of which can include a mouse and keyboard) to communicate with *separate applications* running on the processor.

Chang also fails to teach a concurrency device as claimed in claim 1. Although *Chang* teaches sharing an output device in a network (FIG. 1; page 11, paragraph 0170), *Chang* does not teach using a *concurrency device* to enable sharing of the processor between a plurality of clients running separate applications on the processor.

As the cited references fail to disclose all of the limitations of claim 1 this claim is therefore allowable for at least this reason. Claims 11 and 29 contain similar limitations as claim 1, and thus are also allowable for at least this reason.

Dependent Claims 2-7, 10-16, 21-23, and 27-29, being narrower in scope, are allowable for at least the reasons for which their corresponding independent claims are allowable.

Dependent Claims 8, 9, 17-20, 24-26, and 30-34 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Lee* and *Chang* in view of U.S. Patent Application Publication 2001/0049276 to Beck. As noted above, these are all dependent claims and, being narrower in scope, are allowable for at least the reasons for which the independent claims are allowable.

Therefore, Applicant respectfully submits that claims 1-34 are allowable, and urges the Examiner to withdraw the rejection.

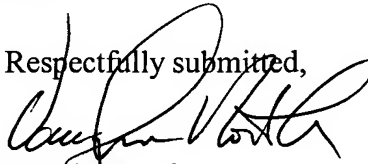
CONCLUSION

In light of the above, Applicant respectfully submits that pending claims 1-34 are now in condition for allowance. Therefore, Applicant requests that the rejections and objections be withdrawn, and that the claims be allowed and passed to issue. If any impediment to the allowance of these claims remains after entry of this Amendment, the Examiner is requested to call Vaughn North at (801) 566-6633 so that such matters may be resolved as expeditiously as possible.

The Commissioner is hereby authorized to charge any additional fee or to credit any overpayment in connection with this Amendment to Deposit Account No. 08-2025.

DATED this 22nd day of December, 2005.

Respectfully submitted,



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